

IN THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application. Where claims have been amended and/or canceled, such amendments and/or cancellations are done without prejudice and/or waiver and/or disclaimer, and Assignee reserves the right to claim this subject matter in a continuing application:

1. (Currently Amended) A method implemented on a computing system having a user interface incorporated in a computer system coupled with a scanner for performing an automatic scan operation ~~on an original document~~, the computer system running adapted to execute a scanner driver and an application program; ~~the method comprising the steps of:~~

reading a set of default image processing settings into the user interface;

activating the scanner to perform a primitive scan operation on ~~the original document based on the default image processing settings to thereby~~ a document to obtain a primitive scanned image which ~~is then transferred to provide~~ to the scanner driver;

activating executing the scanner driver to perform a set of image processing routines on the primitive scanned image to ~~thereby~~ obtain the image qualities of the original document;

~~and based on the image qualities of the original document, specifying a set of suited image processing settings for optimal scan of the original document~~ based at least in part on the obtained image qualities; and

activating the scanner to perform a final scan operation on the original document ~~based on the suited image processing settings to thereby obtain a final scanned image which is transferred to the application program for use by the application program~~ in accordance with the specified image processing settings.

2. - 5. (Cancelled)

6. (Currently Amended) The method of claim 1, wherein the ~~suited~~ specified image processing settings are obtained in such a manner as to allow the image qualities of the final scanned image to be closest to the specified in accordance with the obtained image qualities of the original document.

7. (Currently Amended) The method of claim ~~[[1]]~~ 21, wherein the application program ~~[[is]]~~ comprises an image editing program.

8. (Currently Amended) The method of claim ~~[[1]]~~ 21, wherein the application program ~~[[is]]~~ comprises a word processor program.

9. (Currently Amended) A user interface ~~for use~~ implemented on a computer system ~~coupled with a scanner for performing an automatic scan operation on an original document~~, the computer system running adapted to execute a scanner driver ~~and an application program~~; the user interface comprising:

means for reading a set of default image processing settings;

means for activating the scanner to perform a primitive scan operation ~~on the original document based on the default image processing settings to thereby~~ a document to obtain a primitive scanned image ~~which is then transferred~~ to provide to the scanner driver;

means for executing the scanner driver to perform a set of image processing routines on the primitive scanned image to ~~thereby obtain the~~ image qualities of the original document;

~~and based on the image qualities of the original document~~, obtaining a set of ~~suited~~ image processing settings for ~~optimal scan of the original document~~ based at least in part on the obtained image qualities; and

means for activating the scanner to perform a final scan operation on the original document ~~based on the suited image processing settings to thereby obtain a final scanned image which is transferred to the application program for use by the application program~~ in accordance with the

specified image processing settings.

10. – 13. (Cancelled)

14. (Currently Amended) The user interface of claim 9, wherein the ~~suited~~ specified image processing settings are obtained ~~in such a manner as to allow the image qualities of the final scanned image to be closest to the~~ in accordance with the obtained image qualities of the original document.

15. (Currently Amended) The user interface of claim ~~[[9]]~~ 23, wherein the application program ~~[[is]]~~ comprises an image editing program.

16. (Currently Amended) The user interface of claim ~~[[9]]~~ 23, wherein the application program ~~[[is]]~~ comprises a word processor program.

17. (New) An article comprising a machine-readable storage medium having stored thereon instructions which, if executed, result in:

reading a set of default image processing settings into a user interface implemented on a computing system;

activating a scanner to perform a primitive scan on a document in accordance with the default image processing settings to obtain a primitive scanned image to provide to the scanner driver;

executing the scanner driver to perform a set of image processing routines on the primitive scanned image to obtain image qualities of the document;

specifying a set of image processing settings for the document based at least in part on the obtained image qualities; and

activating the scanner to perform a final scan on the document in accordance with the specified image processing settings.

18. (New) The article of claim 17, wherein the instructions, when further executed, further results in the specified image processing settings being specified in accordance with the obtained image qualities of the document.

19. (New) The article of claim 17, wherein the application program comprises an image editing program.

20. (New) The article of claim 17, wherein the application program comprises a word processor program.

21. (New) The method of claim 1, wherein the computer system is further adapted to execute an application program.

22. (New) The method of claim 21, and further comprising transferring image obtained from final scan to said application program.

23. (New) The user interface of claim 9, wherein the computer system is further adapted to execute an application program.

24. (New) The user interface of claim 23, and further comprising transferring image obtained from final scan to said application program.